

## Active Recombinant Mouse Ltbr Protein, Fc-tagged

**Cat. No.** Ltbr-1219M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Ltbr Protein is produced by HEK293 and the target gene encoding Ser28-Pro218 is expressed with a human IgG1 Fc tag at the C-terminus.                                                                             |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Ser28-Pro218                                                                                                                                                                                                                        |
| <b>Form</b>             | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.                                                                                                                                                                         |
| <b>Bio-activity</b>     | Loaded Mouse LTBR-Fc on Protein A Biosensor, can bind Human LIGHT-His with an affinity constant of 0.81 nM as determined in BLI assay. (Regularly tested)                                                                           |
| <b>Molecular Mass</b>   | 61 KDa, reducing conditions                                                                                                                                                                                                         |
| <b>Endotoxin</b>        | Less than 0.1 ng/g (1 EU/g) as determined by LAL test.                                                                                                                                                                              |
| <b>Storage</b>          | Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt.<br>Reconstituted protein solution can be stored at 2-8°C for 2-7 days.<br>Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months. |
| <b>Reconstitution</b>   | Always centrifuge tubes before opening. Do not mix by vortex or pipetting.<br>It is not recommended to reconstitute to a concentration less than 100µg/ml.<br>Dissolve the lyophilized protein in distilled water.                  |

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Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## GENE INFORMATION

|                 |                                                                                                                                                                                                                                                                                                                          |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Ltbr lymphotoxin B receptor [ Mus musculus ]                                                                                                                                                                                                                                                                             |
| Official Symbol | Ltbr                                                                                                                                                                                                                                                                                                                     |
| Synonyms        | LTBR; lymphotoxin B receptor; tumor necrosis factor receptor superfamily member 3; LT beta-R; LT-beta receptor; lymphotoxin-beta receptor; TNF receptor-related protein; tumor necrosis factor receptor superfamily, member 3; CD18; Ltbr; TNFCR; Tnfr; TNFRp; LTbetaR; TNFR-RP; Tnfrsf3; AI256028; TNFR2-RP; TNF-R-III; |
| Gene ID         | 17000                                                                                                                                                                                                                                                                                                                    |
| mRNA Refseq     | NM_010736                                                                                                                                                                                                                                                                                                                |
| Protein Refseq  | NP_034866                                                                                                                                                                                                                                                                                                                |

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